

## CLAIMS

1. A conductive brush,

which comprises a base fabric and a mixed fiber of a  
5 polyethylene terephthalate fiber and a nylon-66 fiber  
being raised on the base fabric by pile-flocking and,  
said polyethylene terephthalate fiber and/or said  
nylon-66 fiber having a volume resistivity of  $10^0$  to  $10^6$   
 $\Omega \cdot \text{cm}$ .

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2. The conductive brush according to claim 1,

wherein the base fabric comprises a multifilament of  
40 to 130 dtex as a weft (T) and a warp (Y) and,  
the polyethylene terephthalate fiber and the nylon-66  
15 fiber constituting the mixed fiber are each a  
multifilament of 40 to 130 dtex comprising monofilaments  
of 0.5 to 20 dtex.

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3. The conductive brush according to claim 1 or 2,

wherein a part or all of the weft (T) and/or the warp  
(Y) in the base fabric comprises a thermoplastic resin  
having a melting point of 20 to 100°C lower than those of  
the polyethylene terephthalate fiber and the nylon-66  
fiber.

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4. The conductive brush according to claim 1, 2 or 3,

wherein the polyethylene terephthalate fiber has a  
conjugate structure congregated a conductive carbon black  
in a central portion and a volume resistivity of  $10^0$  to  
30  $10^6 \Omega \cdot \text{cm}$  and, the nylon-66 fiber has a volume resistivity  
of not less than  $10^{13} \Omega \cdot \text{cm}$ .

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5. An electrophotographic copying device,

which comprises the conductive brush according to

claim 1, 2, 3 or 4 installed as a cleaning brush.